

**PATENT APPLICATION  
DOCKET NO. 10007622-1**

**IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**INVENTOR(S) :** Darrel D. Cherry

**CONFIRMATION:** 3150

**SERIAL NO.:** 09/804,607

**GROUP ART UNIT:** 2143

**FILED:** 03/12/2001

**EXAMINER:** Lezak, Arrienne

**SUBJECT:** MOBILE REMOTE PRINTING SYSTEM

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**APPELLANT'S/APPLICANT'S OPENING BRIEF**

## **APPELLANTS'/APPLICANTS' OPENING BRIEF ON APPEAL**

### **1. REAL PARTY IN INTEREST.**

The real party in interest is Hewlett-Packard Development Company, LP, a limited partnership established under the laws of the State of Texas and having a principal place of business at 20555 S.H. 249 Houston, TX 77070, U.S.A. (hereinafter "HPDC"). HPDC is a Texas limited partnership and is a wholly-owned affiliate of Hewlett-Packard Company, a Delaware Corporation, headquartered in Palo Alto, CA. The general or managing partner of HPDC is HPQ Holding, LLC.

### **2. RELATED APPEALS AND INTERFERENCES.**

There are no other appeals or interferences known to Appellants, Appellants' legal representative or the Assignee which will affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

### **3. STATUS OF CLAIMS.**

Claims 6, 8, 9, 11-16, and 21 are pending. Claims 1-5, 7, 10, and 17-20 have been cancelled. All pending claims are appealed.

### **4. STATUS OF AMENDMENTS.**

No amendments have been filed after the final action was entered. All previous amendments have been entered.

### **5. SUMMARY OF CLAIMED SUBJECT MATTER.**

Claim 11 is directed to a print system for use with an intranet. The intranet is configured to store information corresponding to documents available for printing. The print system includes a document retrieval system and a remote print request system. *See, e.g.*, Specification, page 5, lines 2-12 and Figure 1. The document retrieval system is communicatively coupled with the intranet and is configured to receive document reference information corresponding to a document to be printed and printer information corresponding to a network printer that is coupled to the intranet via the Internet. *See,*

*e.g.*, Specification, page 5, lines 2-12, page 15, line 5 to page 16, line 11 and Figures 1, 3, 6 and 7. In response thereto, the document retrieval system is responsible for providing print information corresponding to the document to be printed to the network printer via the Internet such that the network printer prints the document. *See, e.g.*, Specification, page 5, lines 2-12, page 15, line 5 to page 16, line 11 and Figures 1, 3, 6 and 7.

The remote print request system is configured to communicatively couple with said document retrieval system. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. The remote print request system is configured to retrieve printer information corresponding to the network printer. The printer information includes a network address for the network printer. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. The remote print request system is responsible for receiving document reference information corresponding to documents available for printing via the intranet and for storing the document reference information remotely from the intranet. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. The remote print request system is also responsible for enabling selection by a user of a document to be printed and to provide the printer information and the document reference information corresponding to a document selected to be printed to the document retrieval system so that the document retrieval system communicates the information corresponding to the document to the network printer without further use of the remote print request system. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5.

Claim 21 is directed to a method for remotely printing a document. The method includes communicatively coupling a personal digital assistant (PDA) to an intranet. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. The intranet provides access to document reference information corresponding to documents available for printing. The document reference information is stored with the PDA. *See, e.g.*, Specification, page 5, lines 2-12,

page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. Printer information corresponding to a network printer is retrieved using the PDA. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. The network printer is configured to communicatively couple with the intranet via the Internet. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. The printer information includes a network address for the network printer. *See, e.g.*, Specification, page 5, lines 2-12, page 7, line 8 to page 8, line 5, and page 12, line 13 to page 14, line 5 and Figures 1, 3, 4, and 5. From the PDA, the printer information and the document reference information corresponding to a document to be printed is communicated to a document retrieval system located on the intranet such that, responsive thereto, information for printing the document is communicated to the network printer without further use of the PDA. *See, e.g.*, Specification, page 5, lines 2-12, page 15, line 5 to page 16, line 11 and Figures 1, 3, 6 and 7. The information for printing the document is communicated from the document retrieval system to the network printer via the intranet and the Internet, and the document is printed at the network printer. *See, e.g.*, Specification, page 5, lines 2-12, page 15, line 5 to page 16, line 11 and Figures 1, 3, 6 and 7.

**6. GROUNDS FOR REJECTION TO BE REVIEWED.**

A. Claims 6, 11-13, 15, 16, and 21 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff.

B. Claims 8, 9, and 14 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff in view of US Pub. 2002/0085515 to Jaynes.

7. **ARGUMENT.**

**A. Ground For Rejection A – Claims 6, 11-13, 15, 16, and 21 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff.**

**Claim 21** is directed to a method for remotely printing a document and, as amended, recites the following.

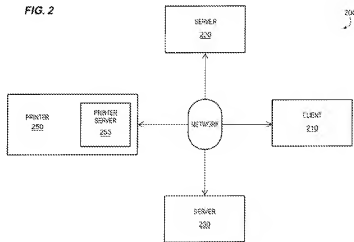
1. communicatively coupling a personal digital assistant (PDA) to an intranet, the intranet providing access to document reference information corresponding to documents available for printing;
2. storing the document reference information with the PDA;
3. retrieving printer information corresponding to a network printer using the PDA, the network printer being configured to communicatively coupled with the intranet via the Internet, wherein the printer information includes a network address for the network printer; and
4. communicating, from the PDA, the printer information and the document reference information corresponding to a document to be printed to a document retrieval system located on the intranet such that, responsive thereto, information for printing the document is communicated to the network printer without further use of the PDA, the information for printing the document being communicated from the document retrieval system to the network printer via the intranet and the Internet with the document being printed at the network printer.

It is initially noted that the Examiner misconstrued the Applicant's arguments filed March 2, 2006. In the final office action mailed May 31, 2006 at page 7, paragraph 12, the Examiner contends that "Applicant's only argument differentiating the Wolff reference from Applicant's own claim language boils down to Applicant's belief that Wolff does not teach driver/server/printer communication via an Intranet and an Internet." This is a gross oversimplification and is simply not true.

Claim 21 recites "the information for printing the document being communicated from the document retrieval system **to the network printer via the intranet and the**

**Internet** with the document being printed at the network printer.” The Applicant’s arguments of March 2, 2006 do not “boil down” to a “belief” that Wolff fails to teach communication via an “Intranet and an internet.” Instead that Applicant argued, with respect to Claim 21, that Wolff failed to teach or suggest a method in which **information for printing the document is communicated from the document retrieval system to the network printer via the intranet and the Internet.**

Wolff teaches a printer (250) that includes a print server (255) that is also referred to as a printer driver (255). Wolff, col. 5, line 33 through col. 6, line 6. The printer driver/server (255) is built in or otherwise directly coupled to printer (250) as can be seen in Wolff’ Figures 2 and 9 reproduced below. See also Wolff, col. 9, lines 1-6.



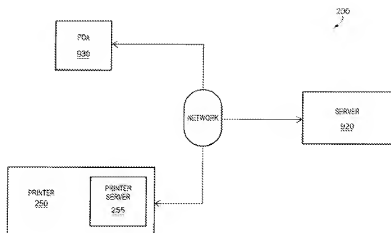


FIG. 9

The Examiner mistakenly equates Wolff's printer server (255) with the document retrieval system recited in Claim 21. Because Wolff's printer server (255) is integrated within or directly coupled to Wolff's printer (250). Wolff's printer server (255) **DOES NOT** communicate information for printing the document to the Wolff's printer (250) via the **Intranet and the Internet**. There is no indication that the printer server (255) even communicates with the printer via an Intranet as Wolff's figures only show the printer server (255) as being integrated within the printer (250). The Applicant has respectfully asked the Examiner to answer why would Wolff's printer server (255) communicate with the printer (250) via an Intranet **AND** the Internet when the printer server (255) is either directly coupled to or integrated within the printer (250). The Examiner has not responded.

Consequently, Wolff fails to teach or suggest a method that includes communicating, from the PDA, the printer information and the document reference information corresponding to a document to be printed to a document retrieval system located on the intranet such that, responsive thereto, information for printing the document is communicated to the network printer without further use of the PDA, the information for printing the document being communicated from the document retrieval system to the network printer via the intranet and the Internet with the document being printed at the network printer.

For at least these reasons, Claim 21 is patentable over Wolff as are Claims 6, 8, and 9 which depend from Claim 21.

**Claim 11** is directed to a print system for use with an intranet where the intranet is configured to store information corresponding to documents available for printing. As amended, Claim 11 recites the following elements.

1. a document retrieval system communicatively coupled with the intranet, said document retrieval system being configured to receive document reference information corresponding to a document to be printed and printer information corresponding to a network printer that is coupled to the intranet via the Internet and, in response thereto, provide print information corresponding to the document to be printed to the network printer via the Internet such that the network printer prints the document; and
2. a remote print request system configured to communicatively couple with said document retrieval system, said remote print request system being further configured to retrieve printer information corresponding to the network printer, the printer information including a network address for the network printer, to receive document reference information corresponding to documents available for printing via the intranet, store the document reference information remotely from the intranet, enable selection by a user of a document to be printed, and provide the printer information and the document reference information corresponding to a document selected to be printed to said document retrieval system such that the document retrieval system communicates the information corresponding to the document to the network printer without further use of the remote print request system.

Again, it is noted that the Examiner misconstrued the Applicant's arguments filed March 2, 2006 contending that "Applicant's only argument differentiating the Wolff reference from Applicant's own claim language boils down to Applicant's belief that Wolff



does not teach driver/server/printer communication via an Intranet and an Internet.” This is a gross oversimplification and is simply not true.

Claim 11 recites “a document retrieval system communicatively coupled with the intranet, said document retrieval system being configured to receive document reference information corresponding to a document to be printed and printer information corresponding to ***a network printer that is coupled to the intranet via the Internet.***” The Applicant’s arguments of March 2, 2006 do not “boil down” to a “belief” that Wolff fails to teach communication via an “Intranet and an internet.” Instead that Applicant argued, with respect to Claim 11, that Wolff failed to teach or suggest ***a document retrieval system communicatively coupled with the intranet that is configured to receive document reference information corresponding to a document to be printed and printer information corresponding to a network printer that is coupled to the intranet via the Internet.***

To summarize, Claim 11 recites a system capable of implementing the method of Claim 21. Claim 11 recites a document retrieval system that is on an intranet remote from a network printer. That is, the printer is connected to the intranet via the Internet. To print a document, the document retrieval system is configured to receive printer information for the network printer and document reference information for the document to be printed. The document retrieval system is configured to communicate information corresponding to the document to be printed to the network printer via the intranet and the Internet.

To reiterate, the Examiner is apparently equating Wolff’s printer driver/server (255) with the document retrieval system recited in Claim 21. As with Claim 21, this is simply not a valid comparison as Wolff’s printer driver/server (255) does not communicate with Wolff’s printer (250) via an intranet and the Internet. For at least the same reasons, Claim 21 is patentable over Wolff as are Claim 11 and Claims 12-16 which depend from Claim 11.

**B. Ground For Rejection B – Claims 8, 9, and 14 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff in view of US Pub. 2002/0085515 to Jaynes**

Claims 8 and 9 depend from Claim 21 and Claim 14 depends from Claim 11. For at least the same reasons Claims 21 and 11 are patentable so are Claims 8, 9, and 14.

In view of the foregoing remarks and amendments, Applicant respectfully submits that Claims 6, 8, 9, 11-16, and 21 define allowable subject matter. The Examiner is requested to indicate the allowability of all pending claims in the application and to pass the application to issue.

Respectfully submitted,  
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December 20, 2006

## APPENDIX OF CLAIMS INVOLVED IN THE APPEAL

1. - 5. (Canceled)

6. (Previously Presented) The method of claim 21, wherein the step of receiving printer information comprises the step of receiving IP address information corresponding to the network printer.

7. (Canceled)

8. (Previously Presented) The method of claim 21, further comprising the step of receiving an authorization code, and wherein the step of providing printer information comprises the step of providing the authorization code to the intranet such that the user may be identified as being authorized access to request printing of a document at the network printer.

9. (Original) The method of claim 8, wherein the step of receiving an authorization code comprises the step of storing the authorization code with the PDA.

10. (Canceled)

11. (previously presented) A print system for use with an intranet, the intranet being configured to store information corresponding to documents available for printing, said print system comprising:

a document retrieval system communicatively coupled with the intranet, said document retrieval system being configured to receive document reference information corresponding to a document to be printed and printer information corresponding to a network printer that is coupled to the intranet via the Internet and, in response thereto, provide print information corresponding to the document to be printed to the network printer via the Internet such that the network printer prints the document; and

a remote print request system configured to communicatively couple with said document retrieval system, said remote print request system being further configured to retrieve printer information corresponding to the network printer, the printer information including a network address for the network printer, to receive document reference information corresponding to documents available for printing via the intranet, store the document reference information remotely from the intranet, enable selection by a user of a document to be printed, and provide the printer information and the document reference information corresponding to a document selected to be printed to said document retrieval system such that the document retrieval system communicates the information corresponding to the document to the network printer without further use of the remote print request system.

12. (Previously presented) The print system of claim 11, wherein said remote print request system is configured to communicatively couple with a network printer such that said remote print request system is able to receive the printer information corresponding to the network printer and provide said document retrieval system with the printer information.

13. (Original) The print system of claim 11, wherein said remote print request system is implemented in a personal digital assistant.

14. (Original) The print system of claim 11, wherein said document retrieval system is configured to provide said remote print request system with an authorization code, said remote print request system being configured to provide said authorization code to said document retrieval system when providing information to said document retrieval system for facilitating printing of a document at the network printer.

15. (Original) The print system of claim 11, wherein said remote print request system comprises means for communicatively coupling with a network printer such that said remote print request system is able to receive printer information corresponding to the network printer.

16. (Original) The print system of claim 11, wherein said document retrieval system comprises means for retrieving print information corresponding to a document to be printed in response to receiving document reference information from said remote print request system.

17. - 20. (Canceled)

21. (previously presented) A method for remotely printing a document, said method comprising:

- communicatively coupling a personal digital assistant (PDA) to an intranet, the intranet providing access to document reference information corresponding to documents available for printing;

- storing the document reference information with the PDA;

- retrieving printer information corresponding to a network printer using the PDA, the network printer being configured to communicatively coupled with the intranet via the Internet, wherein the printer information includes a network address for the network printer; and

- communicating, from the PDA, the printer information and the document reference information corresponding to a document to be printed to a document retrieval system located on the intranet such that, responsive thereto, information for printing the document is communicated to the network printer without further use of the PDA, the information for printing the document being communicated from the document retrieval system to the network printer via the intranet and the Internet with the document being printed at the network printer.

### **Evidence Appendix**

There is no extrinsic evidence to be considered in this Appeal. Therefore, no evidence is presented in this Appendix.

### **Related Proceedings Appendix**

There are no related proceedings to be considered in this Appeal. Therefore, no such proceedings are identified in this Appendix.